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## NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

03/23/2007

Steven M. Mills MILLS & ONELLO LLP Suite 605 Eleven Beacon Street Boston, MA 02108

	MW
EXA	MINER
SONO	G, HOSUK
. ART UNIT	PAPER NUMBER
2135	200
<b>DATE MAILED: 03/23/20</b>	007

1	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
	10/632,612	08/01/2003	Dae-Woong Kim	SAM-0448	4745

TITLE OF INVENTION: APPARATUS AND METHOD FOR SCRAMBLING AND DESCRAMBLING DATA WORDWISE IN OPTICAL DISK SYSTEM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	06/25/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

CURRENT CORRESPOND		lock 1 for any change of address)		Fee(:	s) Transmittal. Thi:	s certif	icate cannot be used fo	domestic mailings of the r any other accompanying t or formal drawing, must
Steven M. Mill MILLS & ONEI Suite 605	ls LLO LLP	//2007		I her State addre trans	eby certify that thi	s Fee(s	of Mailing or Transm s) Transmittal is being ficient postage for first ISSUE FEE address a l) 273-2885, on the da	nission deposited with the United class mail in an envelope above, or being facsimile te indicated below.
Eleven Beacon S Boston, MA 021								(Depositor's name)
Boston, wire ozi	.00							(Signature)
•				<u> </u>				(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVEN	TOR		ATTO	RNEY DOCKET NO.	CONFIRMATION NO.
10/632,612 TITLE OF INVENTION SYSTEM	08/01/2003 N: APPARATUS AND	METHOD FOR SCR	Dae-Woong Kim AMBLING AND DES		AMBLING DATA	. woi	SAM-0448 RDWISE IN OPTICA	4745 L DISK
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nonprovisional	NO	\$1400	\$300		\$0		\$1700	06/25/2007
EXAM	INER	ART UNIT	CLASS-SUBCLASS					
SONG,	HOSUK	2135	380-265000					
Address form PTO/SI  "Fee Address" ind PTO/SB/47; Rev 03-6 Number is required.  3. ASSIGNEE NAME A PLEASE NOTE: Uni	ication (or "Fee Address 12 or more recent) attack ND RESIDENCE DATA less an assignee is ident h in 37 CFR 3.11. Comp	" Indication form acd. Use of a Customer	data will appear on th	ingle or ag attor l be p r typ ne pa	ely, e firm (having as a gent) and the name news or agents. If rorinted.  e) tent. If an assignessignment.	membes of upon am	er a 2ee is 3eentified below, the doc	cument has been filed for
Please check the appropr	iate assignee category or							p entity Government
Advance Order -	lo small entity discount p	permitted)	b. Payment of Fee(s): (i  A check is enclose  Payment by credit  The Director is he overpayment, to D	ed. t card rehv	I. Form PTO-2038 authorized to charg	is atta	ched.	
	s SMALL ENTITY statt	us. See 37 CFR 1.27.	• •	_	_		CITY status. See 37 CFI	
NOTE: The Issue Fee an interest as shown by the	d Publication Fee (if req records of the United Sta	uired) will not be accepte ites Patent and Trademarl	ed from anyone other th k Office.	an th	e applicant; a regis	tered a	ttorney or agent; or the	assignee or other party in
Authorized Signature	•		·		Date			
Typed or printed nam	e				Registration N	o		
This collection of inform an application. Confiden submitting the complete this form and/or suggests Box 1450, Alexandria, V Alexandria, Virginia 223	ation is required by 37 C tiality is governed by 35 d application form to the loss for reducing this but firginia 22313-1450. DC 13-1450.	CFR 1.311. The informati U.S.C. 122 and 37 CFR USPTO. Time will vary rden, should be sent to the ONOT SEND FEES OR	on is required to obtain  1.14. This collection is y depending upon the in the Chief Information On COMPLETED FORMS	or restindivi	etain a benefit by the mated to take 12 m dual case. Any col r, U.S. Patent and 7 THIS ADDRESS.	e publ inutes nment radem SENI	ic which is to file (and to complete, including s on the amount of time ark Office, U.S. Depard TO: Commissioner for	by the USPTO to process) gathering, preparing, and e you require to complete trment of Commerce, P.O. or Patents, P.O. Box 1450,

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Steven M. Mills			SONG, I	IOSUK
MILLS & ONELLO	O LLP	ART UNIT	PAPER NUMBER	
Suite 605			2135	
Eleven Beacon Stre	et .		DATE MAILED: 03/23/200	7
Boston, MA 02108				

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 768 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 768 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.